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ATTACHMENT J-8

OPTIONAL FORM 347 (REV. 6/95) Prescribed by GSA/FAR 48 CFR 53.213(e)

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ORDER FOR SUPPLIES OR SERVICES SCHEDULE CONTINUATION										
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)				
1 (continued)	f) ISS Pressurized Payload Interface Requirements Document (SSP-57000) g) ISS Pressurized Payload Hardware Interface Control Document Template (SSP-57001) h) ISS Pressurized Payload Software Interface Control Document Template (SSP-57002) i) ISS Generic Payload Verification Plan (SSP-57010) j) LeRC MSD Mission Integration Team Charter – Rev. A, 9-1-98 The Contractor shall complete the development of an end-to-end PI integration process (FCF) initiated by MSD. The Contractor shall also document and remain cognizant of PI integration processes for non-FCF payloads. The Contractor will assume the activity in its current state at contract award. The Contractor shall complete the development of and thereafter maintain PI specific experiment to FCF generic integration documentation including, but not limited to, the Interface Control Document (ICD), Integration Agreement (IA), Payload Verification Plan (PVP), and Integration schedule. The Contractor shall also develop and maintain any tools required to facilitate the integration process, while maintaining compatibility to the ISS program. The Contractor shall assure that the ISS deliverables, templates, and appropriate processes are defined and understood and shall also provide systems engineering expertise to establish appropriate requirements flow to and from the payload, FCF, and ISS. The Contractor shall maintain the Payload Planning Database and upgrade as necessary to remain compatible to the MRPO and ISSPO databases. The Contractor shall support the payloads in the development of Mission Evaluation Requests (MERs) and coordinate the submittal of MER data to the ISSPO. The Contractor shall maintain a LeRC Traffic Model to document the current manifest based on MER submittals to ISS. The Contractor shall complete the architecture and design of a web-based payload data entry process to facilitate payload data management and manipulation. The Contractor shall implement design of the ISS MSD Utilization Website, including formatting and uploading graphics, docum	GE (ITEM 1	17(H))							
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1 (Continued)	other inputs provided in the website architecture. The Contractor shall consider approaches for streamlining implementation, user interface and navigation, and site improvements. The Contractor shall incorporate and maintain the existing database capability, which provides ISS technical requirements management for change revisions and Preliminary Interface Revision Notices (PIRN) tracking and reviews for the LeRC payload community. The database should be protected from inadvertent data entry, erasure, and access. MSD will continue to provide database functional requirements throughout the development process for the ISS MSD database that will provide a user interface through the ISS MSD Utilization Website. The database capabilities should be expandable to accommodate evolving and expanding MSD requirements including preliminary MER inputs through L-24 months, payload PIA addenda, datasets, ICD, schedule inputs, detailed reporting capabilities, and data interdependencies (including ISS integration tools compatibility such as PDL). The Contractor shall attend ISS teleconferences to track and monitor the creation of and revisions or Change Requests (CRs) to all ISS payloads documentation and to track and monitor Preliminary Interface Revision Notice (PIRN) creation and disposition. The Contractor shall serve as the MSD payloads point of contact for ISS documentation reviews, release notifications, comment collection, Technical Change Meetings (TCMs), and PIRN Technical Reviews (PTRs), where appropriate. Milestones and Reviews The contractor shall meet the following milestones and participate in the following meetings: a) MIP Technical Interchange Meeting (Monthly) b) ISS teleconferences (i.e. Payloads Control Board, PIRN Technical Review, Payload Mission Integration Team, Configuration Management) (Weekly)		(L)	(E)	(1)	(G)
3	Hardware/Software Deliverables The contractor shall furnish the following software for the ISS MSD Utilization Website and Database and for the Payload Planning Database in the implementation of item 1, along with the appropriate training in the software operations: a) ISS MSD Utilization Website Update (weekly) b) ISS MSD Utilization Website PIRN Matrix Update (weekly)					
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	ORDER FOR SUPPLIES OR SER SCHEDULE – CONTINUATIO					4 of 4
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3	c) ICD/IRD PIRN Database Update and Tracking Matrix	(5)	(5)	(=)	(,)	(5)
(Continued)	Report (weekly)					
	d) Payload Planning Database Update (as required)					
4	<u>Document Deliverables</u>					
	The contractor shall furnish the following documentation in					
	the implementation of item 1:					
	a) Change Revision (CR) tracking matrix report per Contractor's format delivered weekly					
	- Consists of document matrix summarizing status of ISS					
	Change Revisions (CRs) including date initiated, document affected, review cycle, LeRC participation,					
	current status, date to control board, etc.					
	b) Document review status reports per Contractor's format delivered monthly					
	 Consists of brief summary of ISS payload documents under review, including date released, comment due date, 					
	LeRC reviewers, TCM date and participation, disposition					
	of LeRC comments, date to control board, etc.					
	c) Payload MER data delivered per ISS format and planning template					
	d) MSD Payload Database Expansion Plan delivered award					
	plus 2 months					
	e) LeRC Traffic Model (updated as required) - Consists of one-page graphic depicting five-year LeRC					
	ISS manifest consistent with MER submittals to ISS					
	showing up and down traffic on a flight by flight basis for all LeRC payloads, including FCF commercial and					
	international payloads (current version to be provided)					
	<u>f)</u> ISS MSD Utilization Website architecture delivered					
	award plus 2 months g) Status reports of end-to-end PI integration process					
	g) Status reports of end-to-end PI integration process development and documentation. Submit plan for					
	completion of processes and documentation delivered					
5	monthly. Government Furnished Equipment					
	N/A					
6	Government Furnished Facilities N/A					
	IV/A					
7	Government Contacts The contractor shall have access to consultation with:					
	a) MSD ISS Utilization Manager					
	b) MSD FCF Project Team					
	c) MSD PI Specific Hardware Project Managers					
8	Period of Performance					
	The period of performance for this Delivery Order is 6 months, anticipated to be from 6/7/99 - 12/7/99.					
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1 (Continued)	e) LeRC TSC Operations Concept Document, TSC-DOC-003 f) LeRC TSC Implementation Plan, TSC-DOC-004 g) HOSC to LeRC TSC ICD, Draft SSP-50366 h) Draft Memorandum of Understanding between MSFC and LeRC for Delivery of Software to Support International Space Station Payload Operations at the LeRC TSC Milestones and Reviews The contractor shall participate in the following meetings:					
	a) TSC Phase 1 Development Technical Interchange Meeting (Monthly) b) LeRC TSC/MSFC POIC ISS meetings c) ISS Payloads Office Technical Interchange Meetings (Quarterly) d) Ground Services Requirements Team meetings (Monthly) e) HOSC Management Control Group teleconferences (Weekly) f) Telescience Working Group Meetings The contractor shall be responsible for conducting the following milestone reviews: a) Phase 1 TSC System Acceptance Review (TSAR) b) TSC Operational Readiness Reviews (TORR) for each of					
	the ISS Increments 2-6 c) Phase 2 TSC System Requirements Review (TSRR) Review content and deliverables is defined in Exhibit 2 SOW, Sections 5.4, 5.5, and 5.6. Requirements for conducting a review are defined in Exhibit 2 SOW, Section 5. Note: The ISS Increment schedule is determined by the ISS Assembly Sequence and the manifest schedule for LeRC payloads. The current assembly sequence is dated 10/02/98. Based on this assembly sequence, with LeRC payloads manifested on Flight 6A, the current tentative date for the Phase I TSC Acceptance Review is September 1999, the Increment 2 TSC Operational Readiness Review is February 2000, and the Phase 2 TSC System Requirements Review is July 2000.					
3	Hardware/Software Deliverables a) The contractor shall deliver to the government all hardware, software, and documentation specified by this Delivery Order for the development, implementation, and operations of the Telescience Support Center.					
→	TOTAL CARRIEDFORWARD TO 1ST PAG	GE (ITEM 1	7(H))	<u> </u>		

	ORDER FOR SUPPLIES OR SER SCHEDULE – CONTINUATION					3 of 3
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3 (Continued)	The contractor shall furnish final drawings in accordance with DID# D-04 that includes the following:	10	Б.1			
	a) TSC System Drawing (overall)	10	Each			
	b) TSC Audio System Drawings	10 10	Each Each			
	c) TSC Video System Drawings	10	Each			
	d) TSC Data System Drawings	10	Each			
	e) TSC Communications Drawings	10	Each			
	f) TSC Network Drawings	10	Each			
	g) TSC Timing System Drawings	10	Each			
	h) TSC Ground Track System Drawings	10	Each			
4 5	Government Furnished Equipment (provided in accordance with 52.245-2) The following hardware and software shall be furnished by the Government to the contractor in the performance of this delivery order: a) Existing hardware, software, facility equipment, and documentation which has been procured or developed for the Phase 1 TSC Development effort currently in progress b) Interface to the LeRC local area network and telecommunications Government Furnished Facilities NASA shall provide access to Government facility space in the Power Space Facility (Bldg. 333), along with office space, to assist in the accomplishment of this delivery order. The current Building 333 space available for this delivery order consists of Rooms 150 (TSC main operations area), 151, 153, 155, 102, 104 and the TSC videoconference room 108.					
6	Government Contacts The contractor shall have access to consultation with: a) LeRC Telescience Support Center Project Manager b) MSD Telescience Manager					
7	Period of Performance The period of performance for this delivery order is 1-year from contract start, anticipated to be from 6/7/99 - 6/7/2000.					
8	Clause H.16 Fee Matrix Structure 4 applies.					
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ITEM NO. SUPPLIES OR SERVICES UNIT QUANTITY REJECTED REASON FOR REJECTION										
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ORDER FOR SUPPLIES OR SERVICES									
		3 of 6							
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DATE OF ORDER 5/1/1999		RFP3 - 094978		ORDE					
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1 (continued)	for SAMS-II, PIMS001, dc) The SAMS-II System Re SAMS-II-003, dated Oct. d) The EXPRESS Rack ICE dated June 18, 1998 e) The SAMS-II System Ve 007, dated Oct. 18, 1995 f) SAMS-II Operational Cor 900, dated Oct., 23, 1999 g) SAMS-II Hardware Spec 012A, dated April 16, 199 h) SAMS-II Hardware Spec 008, draft under review, vi) SAMS-II Software Capable ICU Phase, SAMS-II-042 j) SAMS-II Configuration M 010, dated April 15, 1998 k) SAMS-II System Engined SAMS-II-016, dated Oct. l) SAMS-II Safety Critical SII-200, dated Nov. 7, 199 m) SAMS-II Glossary, SAMS 1997 n) SAMS-II Assembly Level o) Draft Software Managem	Requirements Document ated Sept. 25, 1995 quirements Document, 23, 1995 Quirement SSP 57201 rification Plan, SAMS-II-10 procept Document, SAMS-II-10 procept Document, SAMS-II-10 procept Document for the 2, dated October, 1998 printing Management Plan, SAMS-II-10 procept Document for the 2, dated October, 98 printing Management Plan, SAMS-II-10 procept Document for the 2, dated October, 98 printing Management Plan, SAMS-II-10 procept Document Plan, 23, 1995 printing Management Plan, 24, 1995 printing Management Plan, 25, 1995 printing Management Plan, 24, 1995 printing Management Plan, 25, 1995 printing Management Plan, 25, 1995 printing Management Plan, 26, 1995 printing Management Plan, 27, 1995 printing M	GE (ITEM 17	7(H))					

ORDER FOR SUPPLIES OR SERVICES									
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ITEM NO. (A)	SUPPLIES OR (B)	SERVICES	ORDERED (C)	UNIT (D)	PRICE (E)	AMOUNT (F)	ACCEPTED (G)		
2 <u>Mil</u>	lestones and Reviews:								
2 <u>Mil</u> The	lestones and Reviews: e Contractor shall meet the riticipate in the following man SAMS-II Technical Interchar Remote Triaxial Sensor (RT EE units F04-05, 9/15/99, F07, 9/99). RTS-EE units F015 to be verified and availabe 6/1/2000. (Note that RTS-E units F01-F04 will have bee Interim Control Unit (ICU) (L-10 mo, currently 7/99) ISIS-RTS Verification Rev 7/99) Software CDR/Verification currently 7/99) ICU/ ISIS-RTS/Software F currently 11/99) RTS Customer Site integring required for RTS-EE and ICU, ISIS-RTS Phase III Scurrently 11/99) Ground Operations Read currently 2/00)	following milestones and nagement reviews unge Meeting (monthly) S) PreShip Reviews (RTS- 06-07, 6/30/99; RTS-SE F05- 08-10 and RTS-SE units F08- ole for future shipments due E units F01-F03 and RTS-SE In shipped by 6/7/99.) CDR/Verification Review View (L-10 mo, currently In Review (L-10 mo, Preship Review (L-6 mo, ration and checkouts (as RTS-SE units) Safety Review (L-6 mo,							
	TOTAL CARRIE	ED FORWARD TO 1ST PA	GF (ITFM 17/	HIII					

	ORDER FOR SUPPLIES OR SERVI				F	PAGENO.	
APORTANT: M	SCHEDULE CONTINUATION ark all packages and papers with contract and/or order numbers.					5 of 6	
ATE OF ORDER	and all packages and papers with contract and/or order numbers.		ORDE	R NO.			
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)	
3	Hardware/Software Deliverables: SAMS-II hardware and software design activities are mature with engineering and qualification grade hardware and software available. A majority of RTS-EE and RTS-SE flight components have been previously procured but not assembled. Some flight RTS-EE, RTS-SE subsystems will have been shipped for integration.						
3a	 Hardware Deliverables: To be delivered per the schedule shown in Section 2: a) Flight Remote Triaxial Sensor (RTS) Electronics Enclosures (EE). b) Flight Remote Triaxial Sensor (RTS) Sensor Enclosures (SE). c) One flight Interim Control Unit (ICU) d) Operational Hardware (GSE, SAMS-II specific TSC support hardware, spares, etc.) 	7 11 1 1	Ea Ea Ea Lot				
3b	Delivery of the above items will be to Programs at LeRC, at MSFC in Huntsville Alabama, or at alternate integration sites; at the time mutually agreed to by the contractor, the SAMS-II Project Manager, and the particular Rack Integration Manager. Some units will be shelved for future deliveries (spares, forward plans)						
30	Software Deliverables:	1	Lot				
	a) On orbit command, control software on ICU.	1	Lot				
	b) Boot software allowing ICU, RTS communications.c) Remote Boot Software in the RTS-EE EEPROM.d) Ground station command, control, and data analysis	1	Lot				
	software.	1	Lot				
4							
	Document Deliverables: a) ICU/ISIS-RTS Pre-Ship Review documentation: non-conformances, problem reports, as-built drawing package, and as-coded software (DID# D-	2	Ea				
	 01, PA-06, PA-07, D-04, V-03) b) Additional RTS Pre-Ship Review documentation packages per PSR (DID# D-01, PA-06, PA-07, D- 	2	Ea				
	04, V-03)	1	Ea				
	c) Ground Operations Equipment Management Plan	1	Ea				
	 d) Verification Reports and data sheets in accordance with the RTS and ICU Verification Plans (DID# V- 04) 	1	Ea				
	e) Software Management Plan update, addressing the steps for certification to CMM Level 2, by Software	2	Ea				
	Verification Review. (DID# PM-03)	2	Ea				
	TOTAL CARRIED FORWARD TO 1ST PAG	GE (ITEM 1	7(H))				

RFP3-09		CEC	ATTAC	CHMEN		PAGE NO.
	ORDER FOR SUPPLIES OR SERVI SCHEDULE CONTINUATION					6 of 6
IMPORTANT: Ma	ark all packages and papers with contract and/or order numbers					0 0.0
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
6	Available Reference Documents/Information: a) http://www.lerc.nasa.gov/Other Groups/MMAP/index.html b) Sutliff, T. J., Requirements and Development of an Acceleration Measurement System for International Space Station Microgravity Science Payloads, NASA TM-107484, 1998. Available Government Furnished Equipment (proved in accordance with 52.245-2): The major hardware items to be furnished include the following: a) An engineering unit of the Remote Triaxial Sensor (RTS) System composed of an Electronics Enclosure (EE) and Sensor Enclosures (SE). b) A qualification unit of the Remote Triaxial Sensor (RTS) System composed of an Electronics Enclosure (EE) and Sensor Enclosures (SE). c) A complete Interim Control Unit engineering unit					
7	d) A qualification unit laptop for the Interim Control Unit (ICU) system e) A flight unit laptop for the Interim Control Unit (ICU) system A list of additional equipment will be available from the NASA Project Manager. Available Government Furnished Facilities: The following government furnished facilities are available to assist in the accomplishment of this delivery order per Attachment J-6a, J-6b: a) Structural Dynamics Laboratory (SDL) support for vibration testing. The URL for this facility is http://www.lerc.nasa.gov/WWW/SDL/Home.html b) The Electromagnetic Compatibility Laboratory support for EMI testing. c) Thermal Environmental Chambers in Bldg. 333 Available Consultation:					
8	The contractor shall have access to consultation with: a) The LeRC SAMS-II Project Manager, b) The LeRC PIMS Project Scientist for SAMS-II, c) EXPRESS Rack Integration Personnel at the MSFC, d) The LeRC Telescience Manager, e) The LeRC Telescience Support Center Manager,					
9	f) The LeRC Acceleration Program Manager Period of Performance The period of performance for this delivery order is 12 months, anticipated to be from 6/7/99 - 6/7/2000.					
10	Clause H.16 Fee Matrix Structure 4 applies.					
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ATTACHMENT J-8

ORDER FOR SUPPLIES OR SERVICES									OF	PAGES		
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		periment (ERE) fl			nit for							
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		nd meeting the Ke										
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	a) ERE Scie	nce Requirements	Documen	t, dated Feb	. 1997							
		nce Requirements	Complian	ce Docume	nt, dated							
	May 1997											
		fication Plan, date										
	d) Sounding	Rocket User's Ha	ındbook, d	ated Sept.	1988							
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statement(sig Contractor w service, size \$10 (except	f desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement(signed and dated) is on (or attached to) the order: "Payment is requested in the amount of \$ No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided; contract number (if any), order number, (item number(s), description of supplies or service, sizes, quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed \$10 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged.										
				RECEI	ING REP	ORT					
Quantity in	the "	Quantit	y Accepted" column on t	the face of this order h	as been:	☐ inspected,	accepted,	received			
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IMPORTANT:	SCHEDULE CONTINUATION Mark all packages and papers with contract and/or order numbers.					
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	ORDERED (C)	UNIT (D)	PRICE (E)	AMOUNT (F)	ACCEPTED (G)
2	 Milestones and Reviews The contractor shall meet the following milestones and participate in the following management meetings: a) ERE Technical Interchange Meeting (Monthly). b) ERE Pre-Ship Review to be held no later than two weeks before shipment of flight hardware to White Sands Missile Range for integration. c) Mission Readiness Review to be held following integrated testing at White Sands Missile Range. d) ERE Launch on Black Brant Sounding Rocket at White Sands Missile Range, April, 2000. 					
3	Hardware/Software Deliverables The contractor shall furnish the following flight hardware and software in the implementation of item 1:					
	 a) Refurbished ERE Flight Unit due no later than two weeks prior to PSR. Final acceptance (DD-250) occurs after sounding rocket integration, checkout, and performance acceptance testing. b) ERE Flight Software (modified as necessary) due upon 	1	Each			
	delivery of the ERE Flight Unit.	1	Each			
4	Document Deliverables The contractor shall furnish the following documentation in the implementation of item 1: a) Contractor Project Plan per DID# PM-01 delivered prior to starting refurbishment of the flight hardware.	2	Each			
	b) ERE Verification Reports per DID# V-04 and in accordance with the ERE Verification Plan delivered no later than three weeks prior to PSR.	2	Each			
	c) ERE PSR Data Package per DID# D-01 delivered no later than three weeks prior to PSR.	1	Each			
	d) ERE As-Built drawing revisions (if any) and associated files per DID# D-04 delivered no later than three weeks prior to PSR.					
→	TOTAL CARRIED FORWARD TO 1ST PAG	GE (ITEM 1	17(H))			

	ORDER FOR SUPPLIES OR SER SCHEDULE – CONTINUATIO					4 01 4
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)
4 (continued)	e) ERE As-Coded Software Source List delivered no later than PSR.	5	Each			
	f) ERE Non-Conformance/Problem and Corrective Action Reports per DID# PA-07 delivered no later than three weeks prior to PSR.	1	Each			
	g) ERE Launch Site Operations and Procedures per DID# OP-04 delivered no later than three weeks prior to PSR.	1	Each			
	h) ERE Acceptance Test Plan per DID# V-06 delivered no later than three months prior to PSR.	2	Each			
5	Government Furnished Equipment (provided in accordance with 52.245-2) The following hardware and software shall be furnished by the Government to the contractor in the performance of this delivery order (see ERE Government Furnished Equipment List on MRDOC Website):	1	Each			
	 a) ERE Flight Unit and associated Software upon completion of Flight 1 (Mandatory Usage) b) ERE Ground Support Equipment and associated software (Mandatory Usage) c) ERE Ground Handling Equipment items (Mandatory Usage) d) ERE Equipment in SEL Laboratory 					
6	Government Furnished Facilities The Government shall make available on an as needed basis the following Government facilities: a) Thermal Environmental Chambers in Building 333 b) Structural Dynamics Laboratory c) EMI Laboratory in Building 333 d) Controlled Access Flight H/W Buildup Laboratory in Building 110 (High Bay) e) Optics Laboratory (room 128) in Building 110					
7	Government Contacts The contractor shall have access to consultation with: a) LeRC ERE Project Manager b) LeRC ERE Project Scientist c) Mission Management Personnel at NASA Wallops Flight Facility					
8	Period of Performance The period of performance for this delivery order is 7 months, and is anticipated to be from 10/1/1999 to 4/30/2000.					
→	TOTAL CARRIED FORWARD TO 1ST PAG	GE (ITEM 1	17(H))			

ATTACHMENT J-8

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RFP3-094978 **ATTACHMENT J-8** SUPPLEMENTALINVOICING INFORMATION If desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement(signed and dated) is on (or attached to) the order: "Payment is requested in the amount of \$_____. No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided; contract number (if any), order number, item number(s), description of supplies or service, sizes, quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed \$10 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged. RECEIVINGREPORT PARTIAL DATE RECEIVED SIGNATURE OF AUTHORIZED U.S.GOV'T REP. DATE Quantity SHIPMENT FINAL GROSS WEIGHT RECEIVED AT TITLE NUMBER TOTAL CONTAINERS **REPORT** QUANTITY SUPPLIES OR SERVICES UNIT REASON FORREJECTION **OFREJECTI** REJECTED ITEM NO

			PAGENO. 3 of 4								
IMPORTANT	SCHEDULE CONTINUATION Mark all packages and papers with contract and/or order numbers.										
DATE OF ORDER	CONTRACT NO.		ORDEI	R NO.							
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)					
1 continued	Work shall be accomplished consistent with the following documents: a) MRDOC Statement of Work (SOW), Exhibit 3 b) Microscale Hydrodynamics Near Moving Contact Lines Preliminary Science Requirements Document (SRD).										
2.	Hardware/Software Deliverables: -per SCR engineering concept formulation delivery schedule and SRD to include: a) Experiment Processing Unit b) PIV system c) Free surface optics system d) Data acquisition and control system e) Ground experiment system										
3.	 Document Deliverables: - per engineering concept formulation delivery schedule to include: a) Project Plan, Product Assurance Plan b) RDR package 										
4.	Reference Documents: a) LeR-P6700-000,-001,-002,-003,-004 b) LeR-I6700-003,-005										
5.	Government Furnished Facilities: Available facilities per attachment J-6a and b a) Usage elective: 2.2 second drop tower. b) Usage elective: Zero G drop tower. c) Usage elective: KC135 Microgravity Aircraft										
	7632inew120 TOTAL CARRIEDFORWARD TO 1ST PAC	GE (ITEM 1	7(H))								

			4 of 4							
IMPORTANT	SCHEDULE CONTINUAT Mark all packages and papers with contract and/or order n				<u> </u>					
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ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)	QUANTITY ACCEPTED (G)				
6.	Government Furnished Equipment (porvided in									
	accordance with 52.245-5):									
	a) Mechanical drive system breadboard #1b) Mechanical drive system breadboard #2									
	b) Wechanical drive system breadboard #2									
7.	Government Contacts:									
	The contractor shall have access to consultation with:									
	a) MSCALE Project Manager									
	b) MSCALE Project Scientist									
8	Period of Performance									
	The period of performance for this delivery order is 28 months and is anticipated to be from June 7,1999 through September 30, 2001.									
9	Clause H.16 Fee Matrix Structure 4 applies.									
	Clause II. 10 Fee Matrix Structure 4 applies.									
	7632inew120 TOTAL CARRIEDFORWARD TO 1ST P	AGE (ITEM 1	17(H))							